How to flash a ROM

Why flashing?

- Update or Down grade your phone
- Fix Bugs or Bootloop on your phone
- Unbrick your phone if it's bricked

Preparation: What do you need?

- Smartphone of Unihertz (Battery loaded 50% or more)
- A Computer with Windows XP or above (Linux is possible but this Tutorial is for Windows)
- ROM for Unihertz–Official ROMs will be announced here:

  Softerware: Firmware for Unihertz–download and unpack .zip file.

  Note:

  Please recheck the model of your deviceand get the correct Rom!

  Please do not use any Rom that is not specified for your device!

  Otherwise it will brick your device.

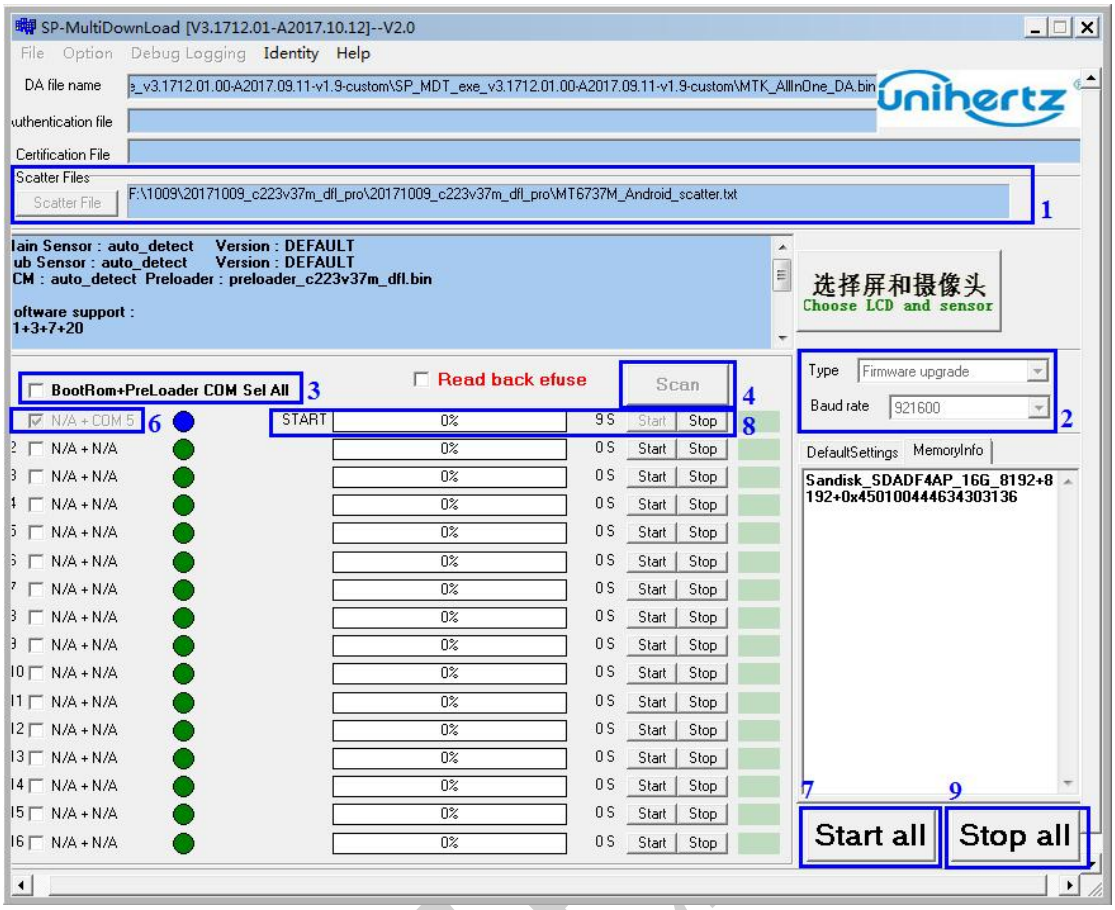
  - The Software "MTK SPMultiPortDownloadTool" -download and extract to your Hard drive: Link.
- VCOM driver– USB+VCOM+DRIVERS

  Install the drivers. ForWindows 8 or newer, you may have to disable "Driver Signature Verification". Restart the Computer after Driver installation. Check Windows Device Manager to be sure Driver is installed correct.

Ready! What to do now?

- If possible, please backup all your personal data which is stored on the phone before firmware update.
- **Power off your phone** and disconnect it from the computer

UNIHERTZ



- Start firmware update tool by running SPMultiPortFlashDownloadProject.exe:

  1) Select the scatter file which is located in the file directory of ROM that you download and unpack from Unihertz official ROM. Scatter file is named as "xxx_scatter.txt"

  2) Select download type to "Firmware update"

  3)Check "BootRom+PreLoad COM SelAll "

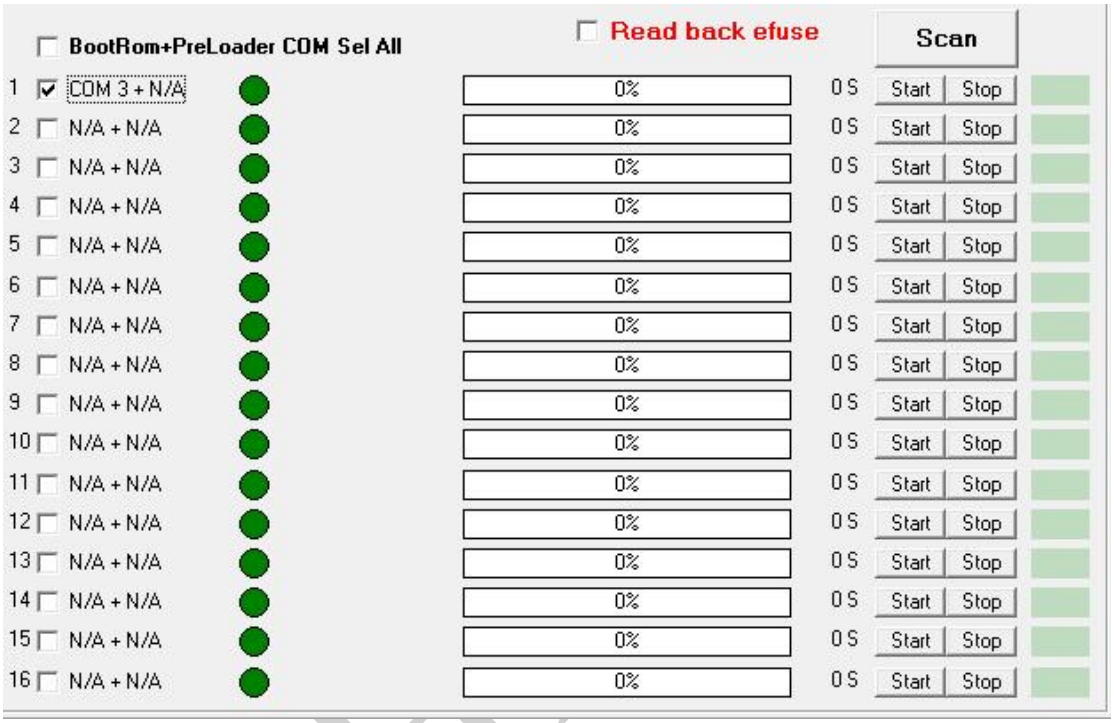
4)Click **"Scan"** button to search correct COM-Port. **Power off your phone** and reconnect your phone with PC USB port via anoriginal USB cable.

Uncheck "BootRom+PreLoad COM SetAll "after com ports are scanned successfully.

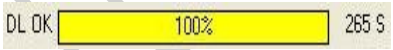
If no com-port can be scanned, you can refer to"FAQ2: How to scan com port and start download?" in appendixof this document!!!!

5)Prepare an original USB cable and a smartphone of Unihertz.

6) Check only the COM-Port that is scanned successfully, other com ports should be unchecked.



7)Click“Start all”.

8)**Power off your phone** and reconnect your phone with PC USB port via anoriginal USB cable.Please don’t interrupt the download process before “DL OK” is shown. 

9)Press“Stop all”.

Unplug the phone. Wait several seconds and start your phone.

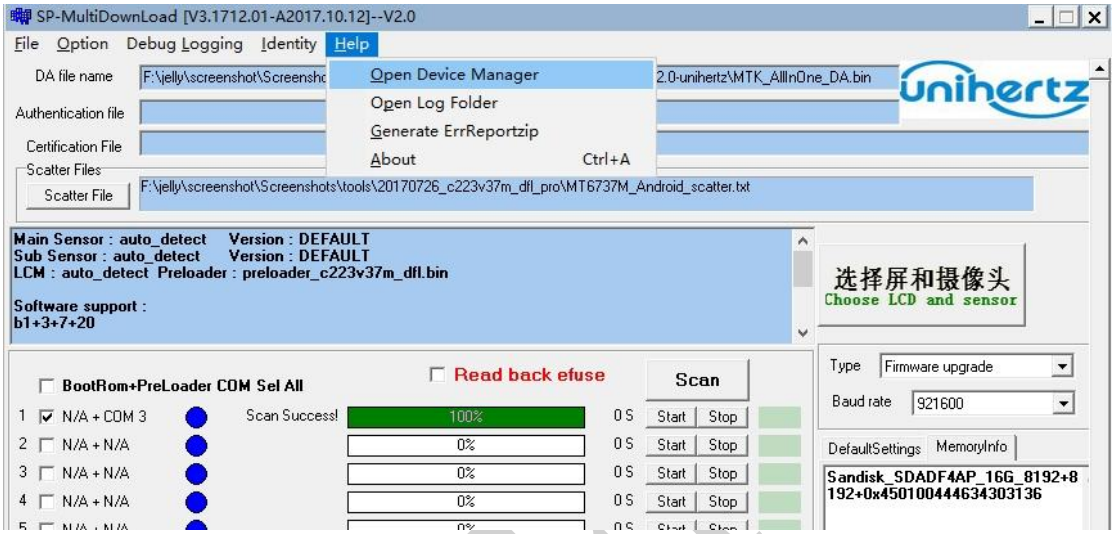
10) If status is **DL ERROR**. First press “Stop all”, next press “Start all”, **long press the power key(10s+)**and **reconnect** the phone again until it works. It may take you several times to achieve this step.

Appendix

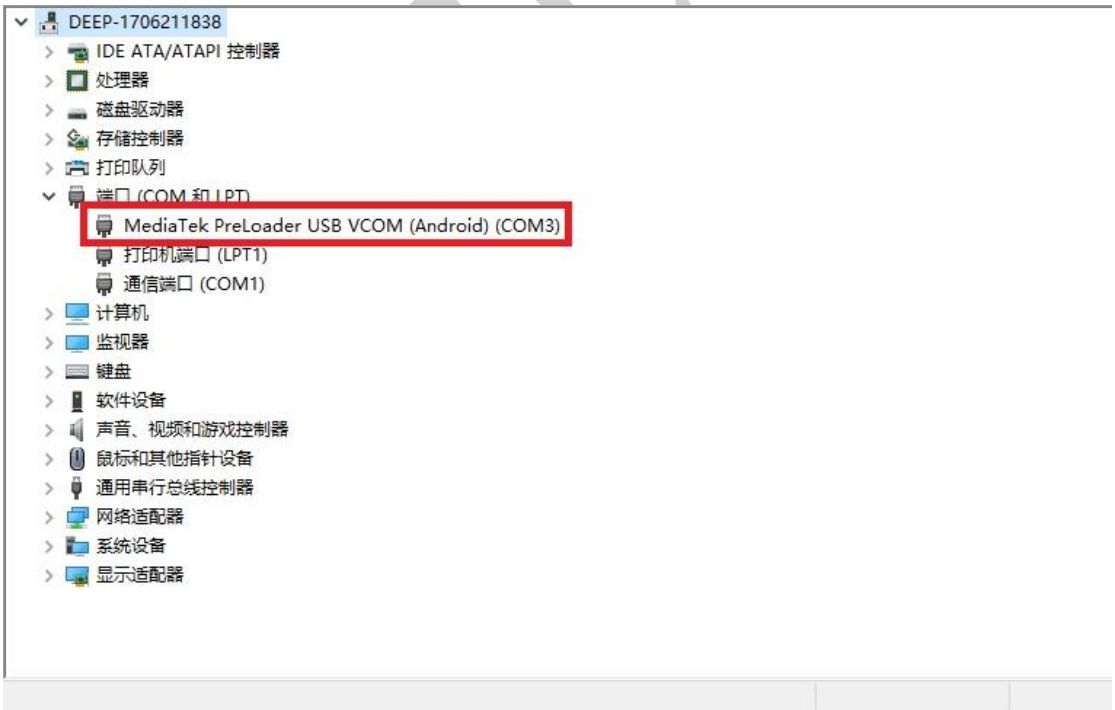
FAQ1： How to check whether the driver is installed or not?

Step 1: Open SP-MulitDownload tool, then click Help->Open Device Manager(Picture 1)

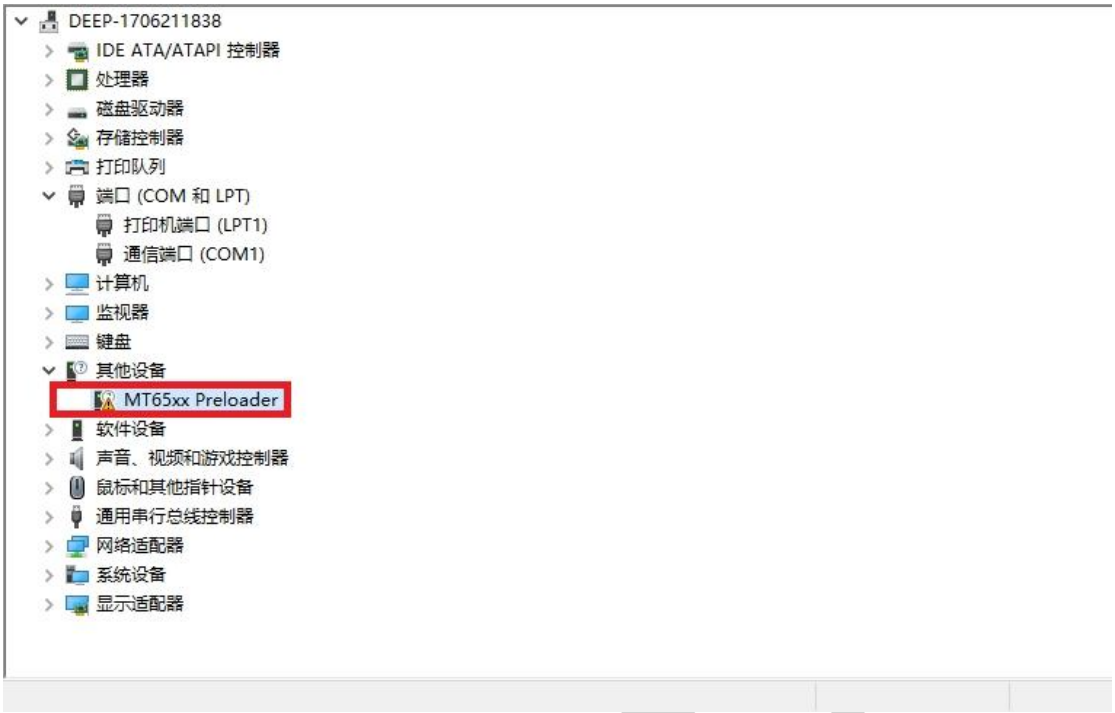
Step 2: Connect Jelly with Windows computer via USB cable, there should be new device driver as Picture 2 or Picture 3. If the situation is same as Picture 2, it means that the driver is installed successfully. If the situation is same as Picture3, it means that the driver has not installed, you should click the unknown device and install driver for it again.



Picture 1



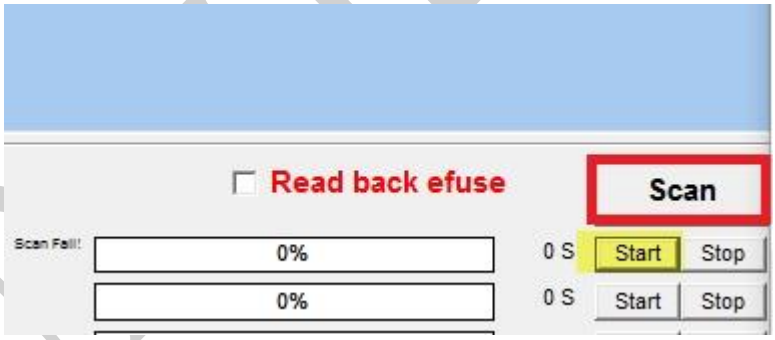
Picture 2



Picture 3

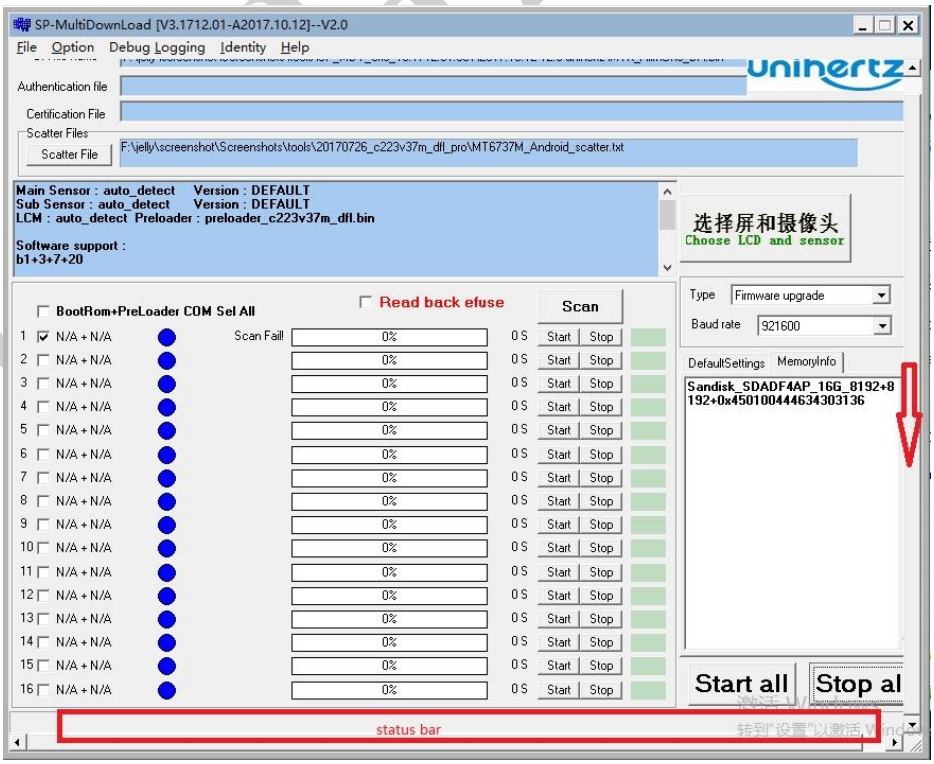
FAQ2： How to scan com port and start download?

Step 1:After you installed driver, you should click **Scan** button **at first**, **then** connect Jelly Pro with PC computer via USB cable.



Step 2:After scanning successfully, you can **plug** usb connector of USB cable **out** from the USB port of Jelly Pro, then click **Start all button**, finally **plug** the connector of USB cable **in** the USB port of Jelly Pro.

Step 3:If you can't Scan successfully, you can click Choose LCD and sensor button then select Scan Boot Rom Port

FAQ3：How to describe your issue when you can't finish downloading?

Please take a picture to show error information as below: